

# ProRox® SL 580

ProRox SL 580 is a pressure resistant stone wool slab with high resistance to mechanical loads. The compression resistant slab is developed for the thermal insulation of tank roofs subjected to pedestrian traffic, and the thermal and acoustic insulation of onstructions subjected to a mechanical load.



## Product properties

Properties	Performance						Standard
Thermal Conductivity	$T_m$ (°C)	50	100	150	200	250	EN 12667
	$\lambda$ (W/mK)	0.041	0.047	0.053	0.060	0.067	
Nominal Density	150 kg/m <sup>3</sup> (9.4 lb/ft <sup>3</sup> )						EN 1602
Maximum Service Temperature	250°C (482°F)						EN 14706
Reaction to Fire	EuroClass A1						EN 13501-1
Water Leachable Chloride Content	Chloride content < 10 ppm (AS - Quality)						EN 13468
Water Absorption	< 1 kg/m <sup>2</sup>						EN 1609
Water vapour diffusion resistance	$\mu = 1$						EN 14303
Compression resistance	> 50 kPa (at 10% deformation)						EN 826
Airflow Resistivity	> 110 kPa.s/m <sup>2</sup>						EN 29053

Note: All information and data for technical parameters are based on laboratory testing.

## Compliance

- ProRox SL 580 slabs fully comply with the requirements as set by internationally recognized standards like EN14303, CINI 2.2.01

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**ROXUL ROCKWOOL Technical Insulation India Pvt Ltd**  
 Wing B-2, 2nd Floor, Unit No. 206,  
 Boomerang, Near Chandivali Film  
 Studio, Chandivali Farm Road,  
 Andheri (E), Mumbai – 400 072,  
 Maharashtra, India  
 T (+91) 022 6715 7700  
 F (+91) 022 6715 7710

**ROXUL-ROCKWOOL Insulation India Pvt Ltd**  
 Plot - Z/4, Dahej SEZ, Dahej,  
 District Bharuch – 392 130,  
 Gujarat, India  
 T (+91) 2641 264400  
 F (+91) 2641 256292

**Toll Free 18002669861**